Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021418.D
Acq On : 29 Aug 2022 11:48
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 29 14:53:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 14:52:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4708	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14633	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	7774	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16227	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11007	0.400	ng	0.00
35) Perylene-d12	24.197	264	7440	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	2302	0.181	ng	0.00
5) Phenol-d6	7.224	99	2825	0.177	ng	0.00
8) Nitrobenzene-d5	9.254	82	2377	0.215	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	8041	0.325	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	531	0.149	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	8784	0.253	ng	0.00
27) Fluoranthene-d10	19.510	212	9806	0.202	ng	0.00
31) Terphenyl-d14	20.106	244	6600	0.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	1545	0.237	ng	# 89
3) n-Nitrosodimethylamine	3.750	42	1316	0.211	ng	# 90
6) bis(2-Chloroethyl)ether	7.491	93	3816	0.239	ng	98
9) Naphthalene	10.962	128	10967	0.228	ng	99
10) Hexachlorobutadiene	11.251	225	1914	0.241	ng	# 98
12) 2-Methylnaphthalene	12.195	142	1223	0.149	ng	# 93
16) Acenaphthylene	14.451	152	8517	0.219	ng	100
17) Acenaphthene	14.793	154	6397	0.236	ng	98
18) Fluorene	15.776	166	7929	0.234	ng	100
20) 4,6-Dinitro-2-methylph...	15.605	198	8	0.375	ng	90
21) 4-Bromophenyl-phenylether	16.670	248	2438	0.219	ng	# 94
22) Hexachlorobenzene	16.783	284	3154	0.245	ng	99
23) Atrazine	16.936	200	1279	0.182	ng	98
24) Pentachlorophenol	17.131	266	479	0.108	ng	98
25) Phenanthrene	17.521	178	13753	0.232	ng	100
26) Anthracene	17.613	178	10106	0.207	ng	99
28) Fluoranthene	19.539	202	13568	0.208	ng	100
30) Pyrene	19.902	202	15700	0.283	ng	98
32) Benzo(a)anthracene	21.655	228	9179	0.220	ng	100
33) Chrysene	21.709	228	11820	0.260	ng	99
34) Bis(2-ethylhexyl)phtha...	21.566	149	3936	0.196	ng	97
36) Indeno(1,2,3-cd)pyrene	26.866	276	7834	0.207	ng	99
37) Benzo(b)fluoranthene	23.419	252	8963	0.273	ng	99
38) Benzo(k)fluoranthene	23.472	252	8710	0.257	ng	98
39) Benzo(a)pyrene	24.083	252	5904	0.222	ng	98
40) Dibenzo(a,h)anthracene	26.884	278	6196	0.199	ng	96
41) Benzo(g,h,i)perylene	27.676	276	7289	0.222	ng	97

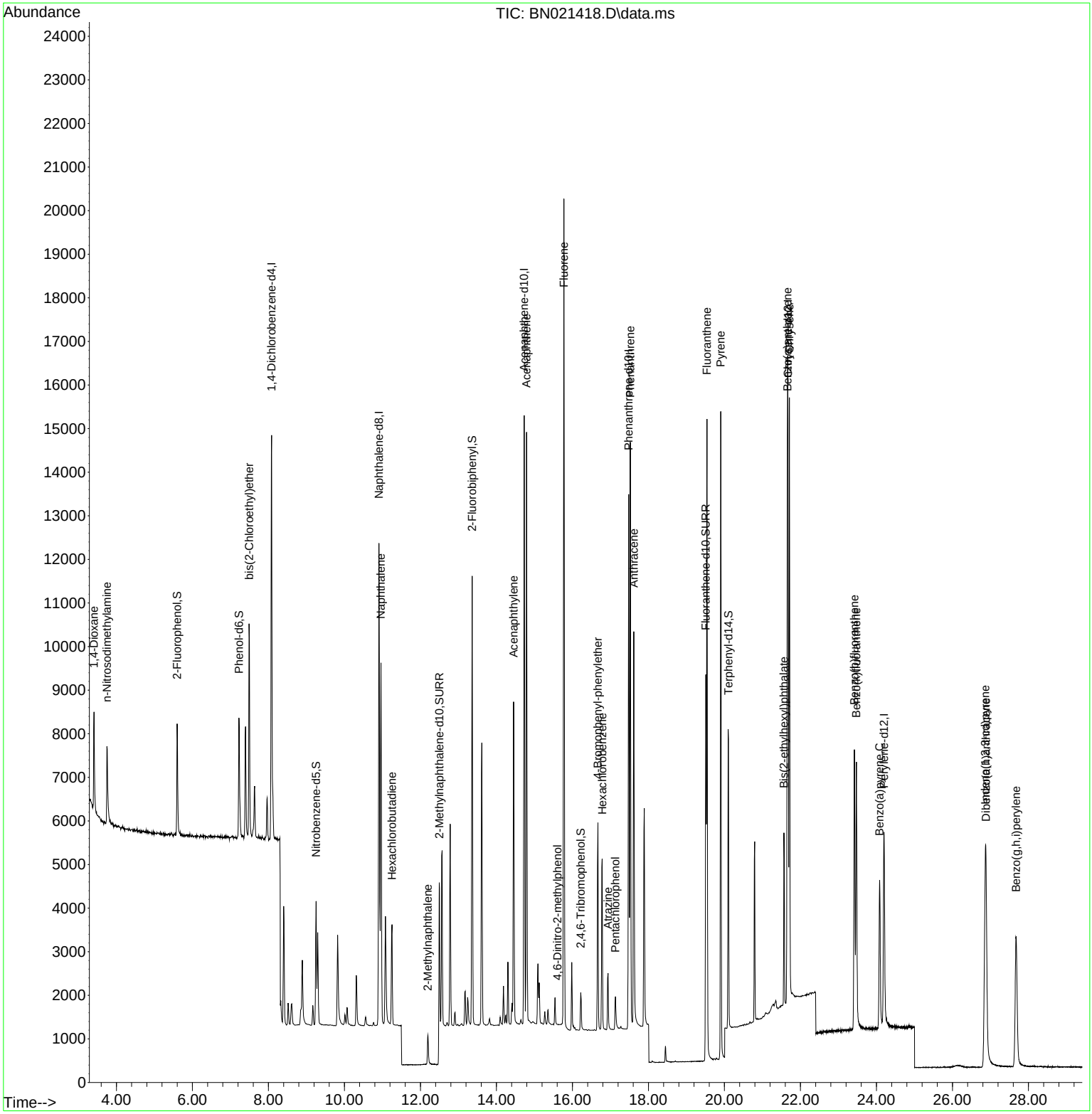
(#) = qualifier out of range (m) = manual integration (+) = signals summed

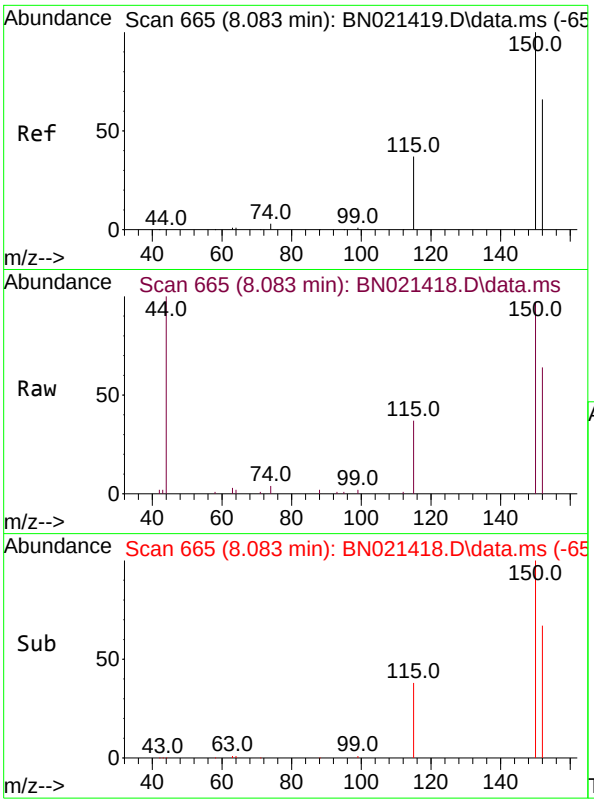
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021418.D
Acq On : 29 Aug 2022 11:48
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 29 14:53:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 14:52:01 2022
Response via : Initial Calibration



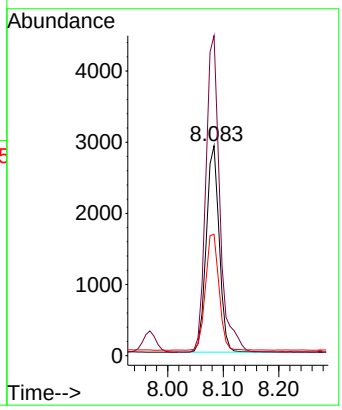


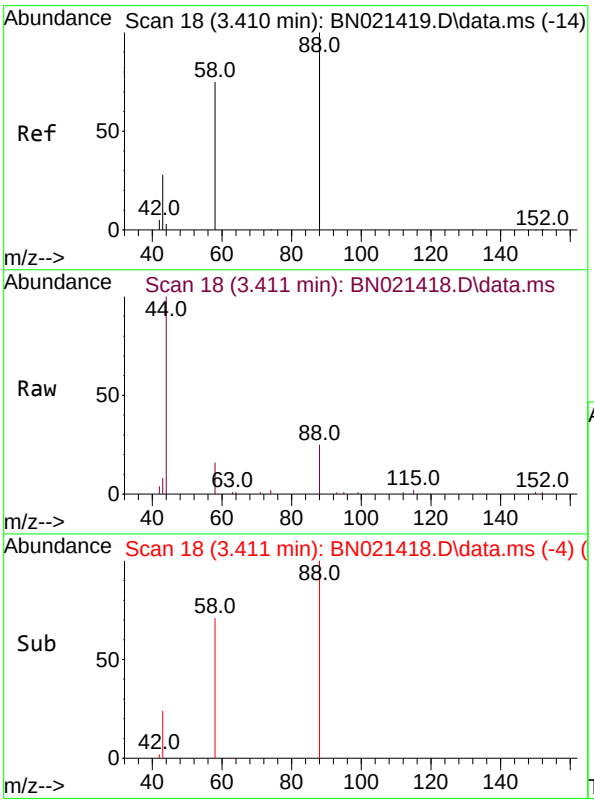
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4708

Ion	Ratio	Lower	Upper
152	100		
150	152.5	121.4	182.0
115	57.9	48.6	72.8

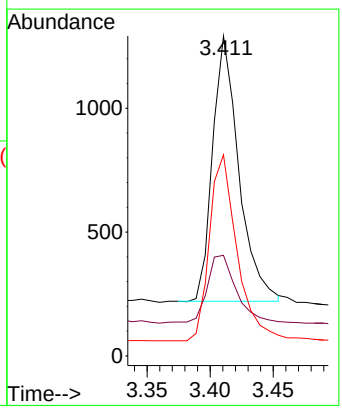


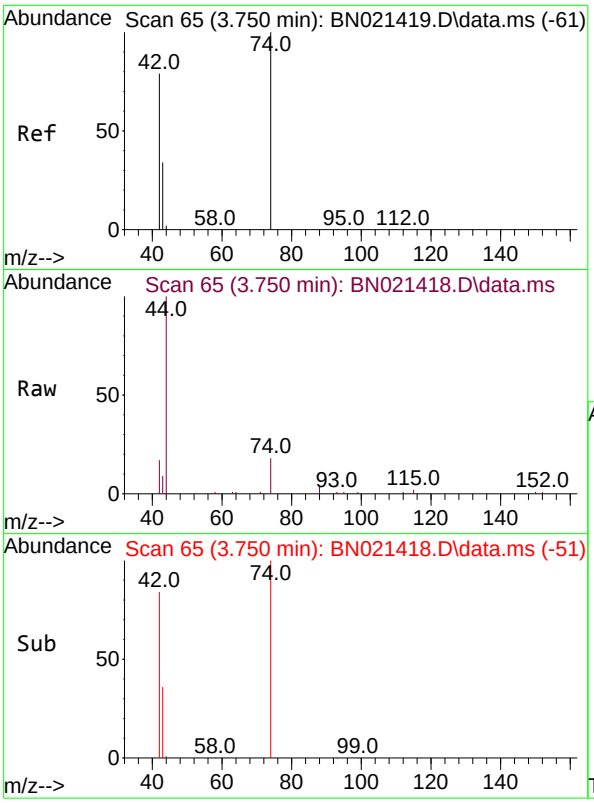


#2
1,4-Dioxane
Concen: 0.237 ng
RT: 3.411 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion: 88 Resp: 1545

Ion	Ratio	Lower	Upper
88	100		
43	28.7	35.8	53.8#
58	73.7	57.1	85.7



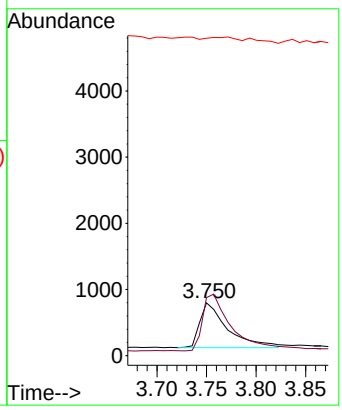


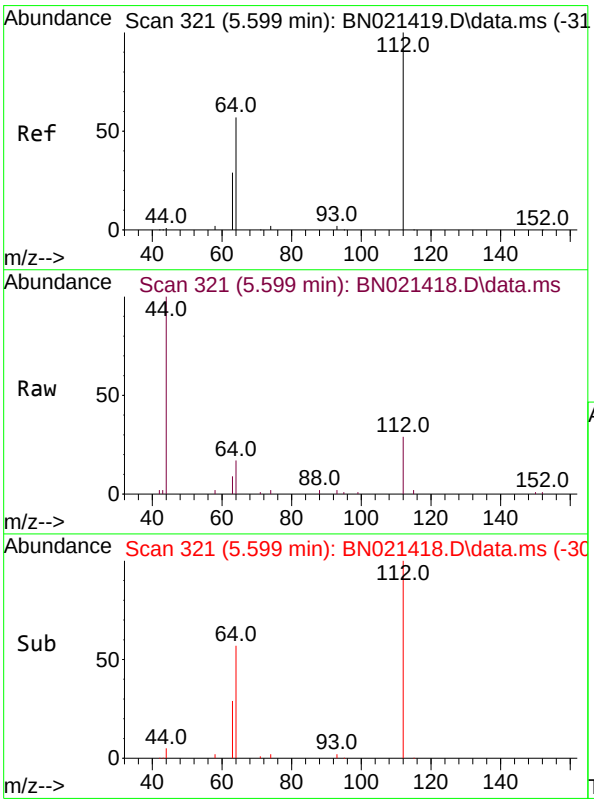
#3
n-Nitrosodimethylamine
Concen: 0.211 ng
RT: 3.750 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1316

Ion	Ratio	Lower	Upper
42	100		
74	131.0	113.0	169.6
44	0.0	10.5	15.7#

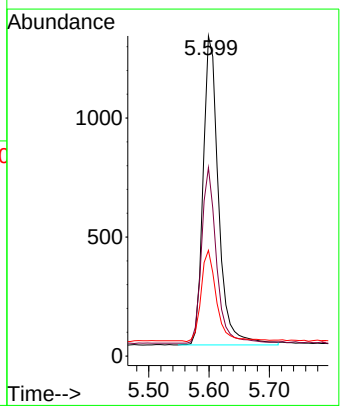


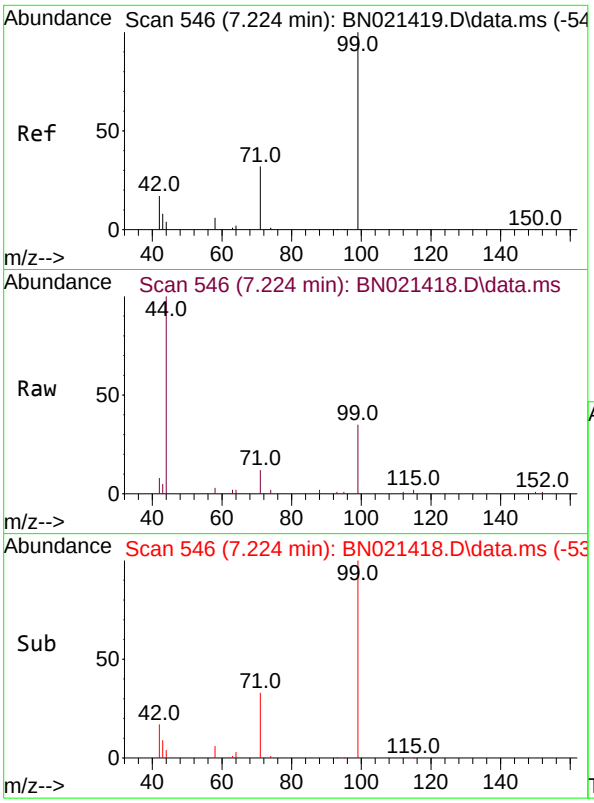


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:112 Resp: 2302

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.5	65.3
63	29.8	22.6	34.0



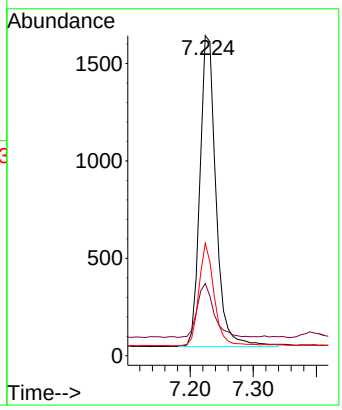


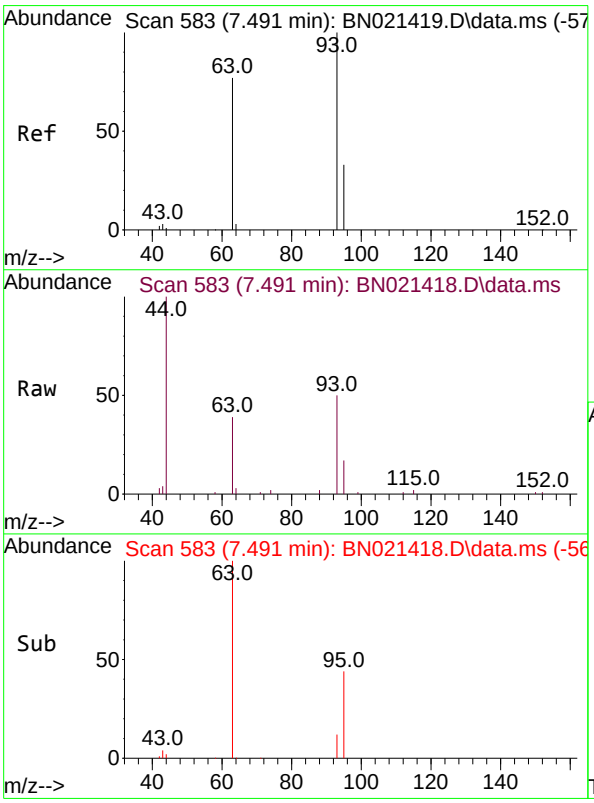
#5
Phenol-d6
Concen: 0.177 ng
RT: 7.224 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2825

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.5	23.3
71	31.3	24.2	36.2

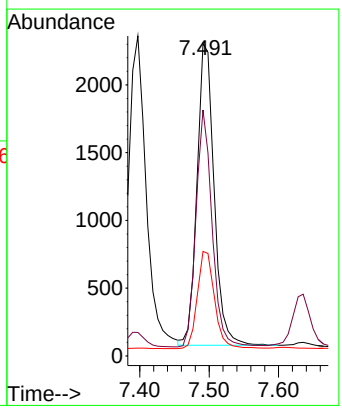


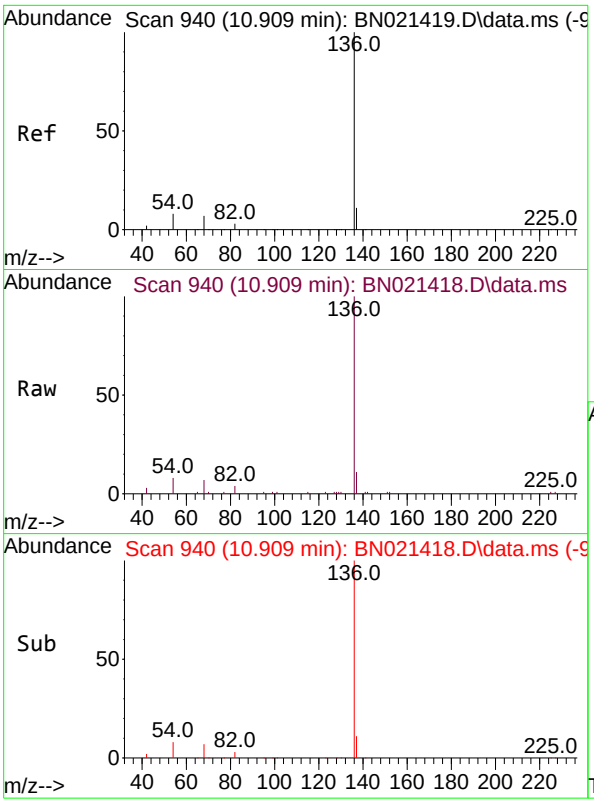


#6
bis(2-Chloroethyl)ether
Concen: 0.239 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion: 93 Resp: 3816

Ion	Ratio	Lower	Upper
93	100		
63	74.2	57.8	86.8
95	32.5	25.9	38.9



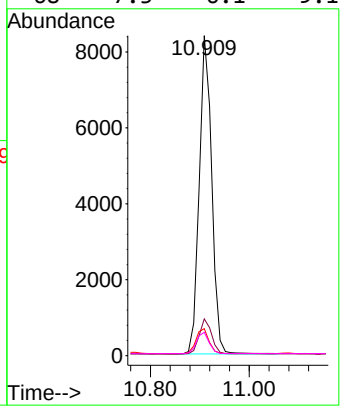


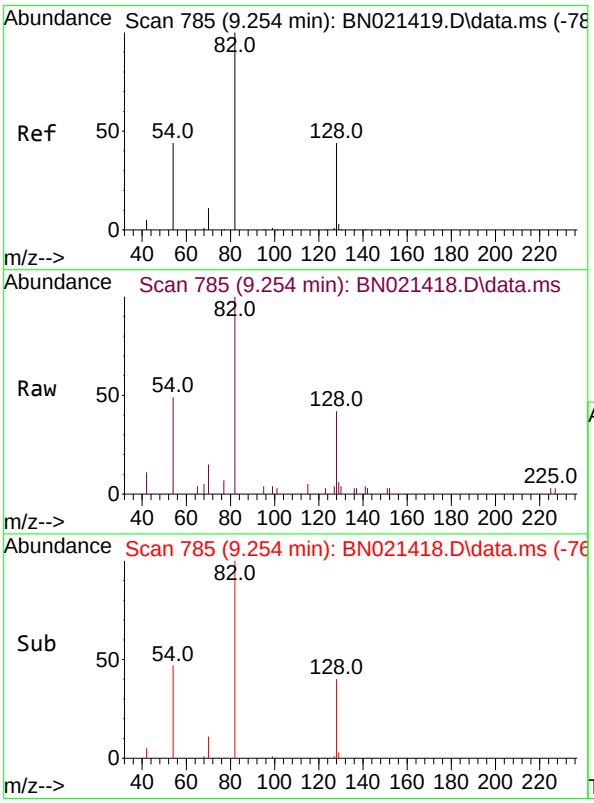
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 14633

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	8.5	6.9	10.3
68	7.3	6.1	9.1

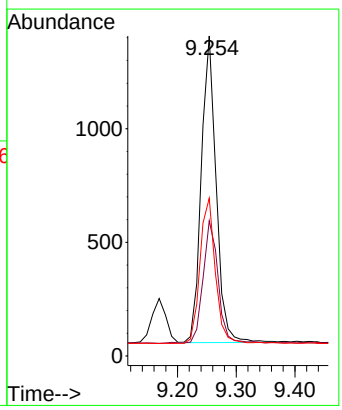


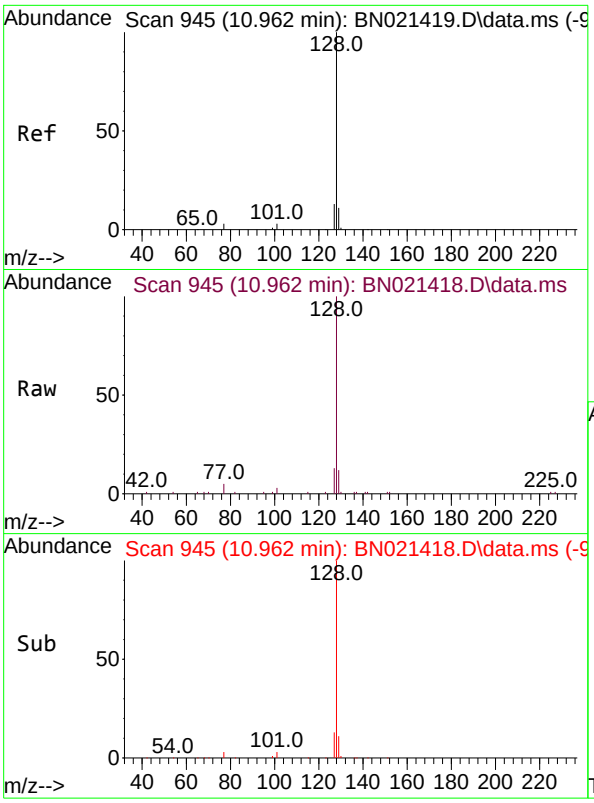


#8
Nitrobenzene-d5
Concen: 0.215 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion: 82 Resp: 2377

Ion	Ratio	Lower	Upper
82	100		
128	42.3	30.9	46.3
54	49.3	42.7	64.1



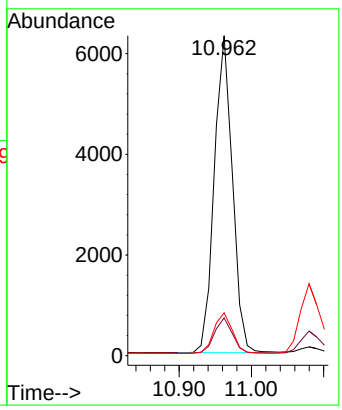


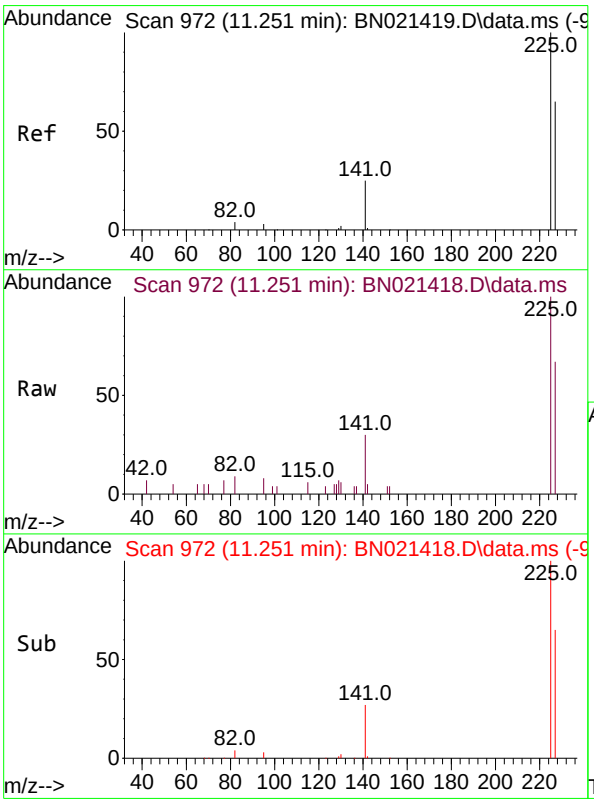
#9
Naphthalene
Concen: 0.228 ng
RT: 10.962 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 10967

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.4	11.0	16.4

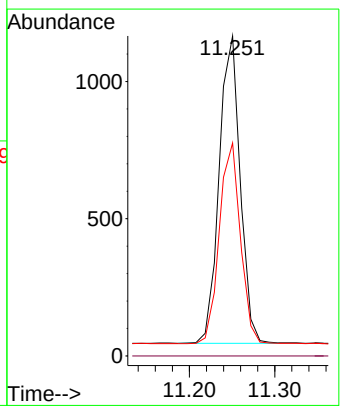


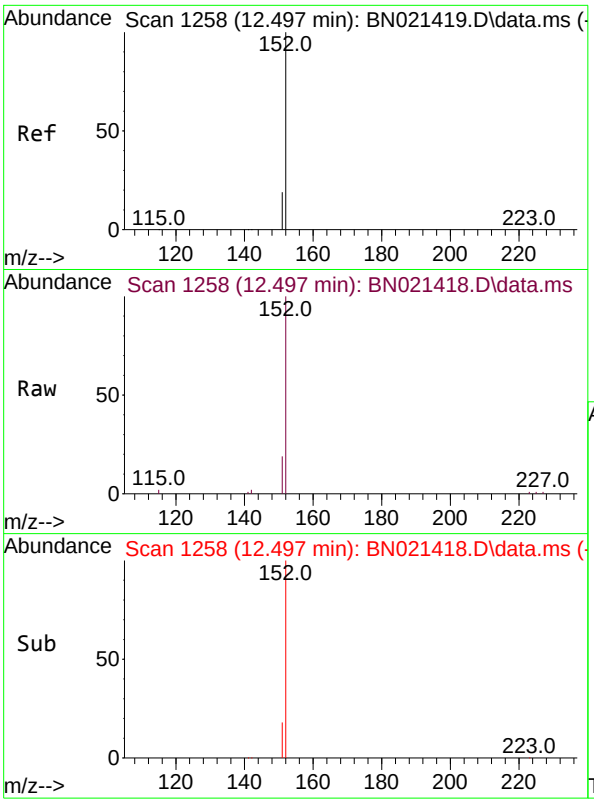


#10
Hexachlorobutadiene
Concen: 0.241 ng
RT: 11.251 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:225 Resp: 1914

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	51.2	76.8



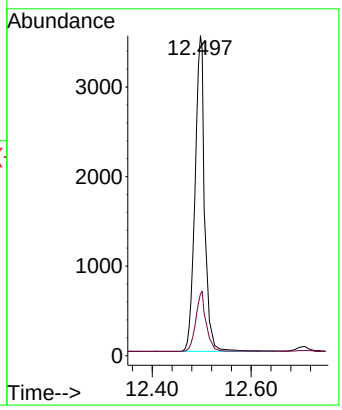


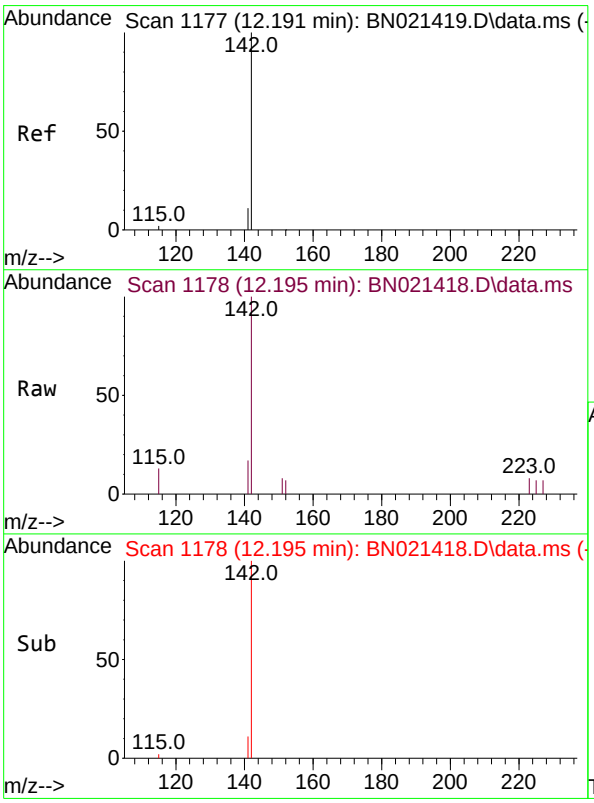
#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.497 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 8041

Ion	Ratio	Lower	Upper
152	100		
151	17.4	14.5	21.7

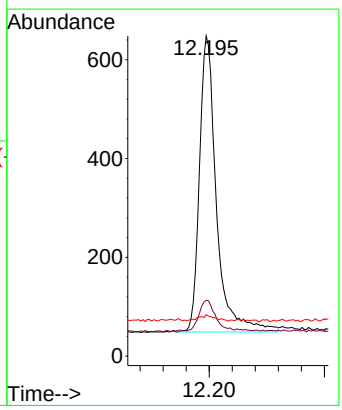


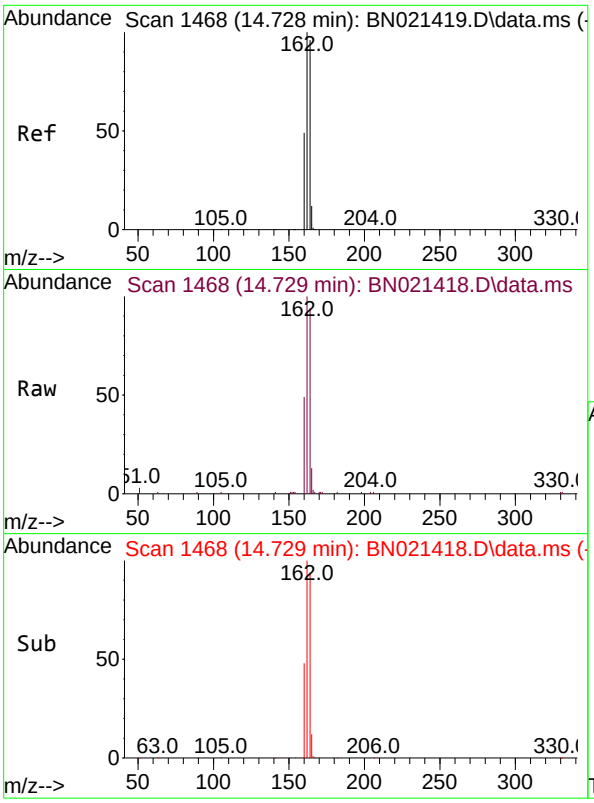


#12
2-Methylnaphthalene
Concen: 0.149 ng
RT: 12.195 min Scan# 1178
Delta R.T. 0.004 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:142 Resp: 1223

Ion	Ratio	Lower	Upper
142	100		
141	17.4	12.2	18.2
115	13.0	7.9	11.9#



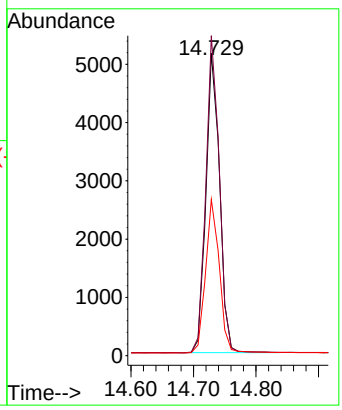


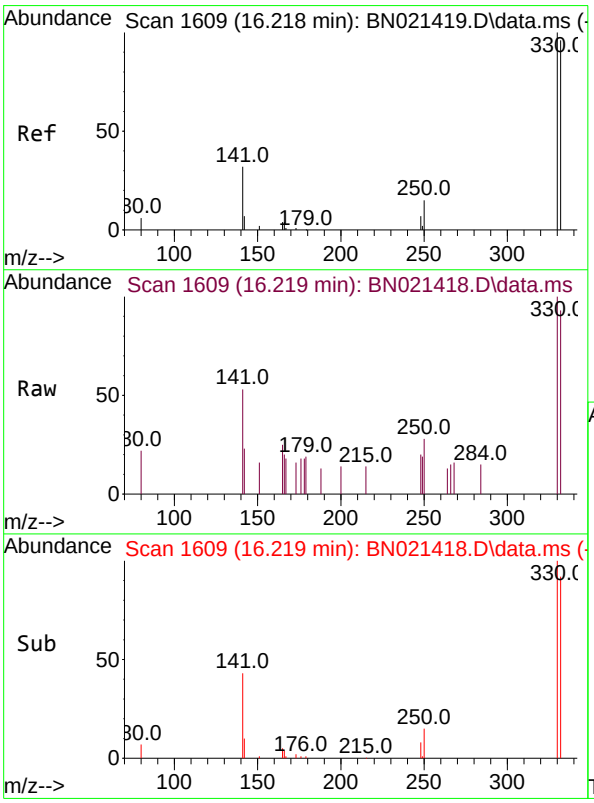
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 7774

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.2	123.4
160	51.7	39.5	59.3

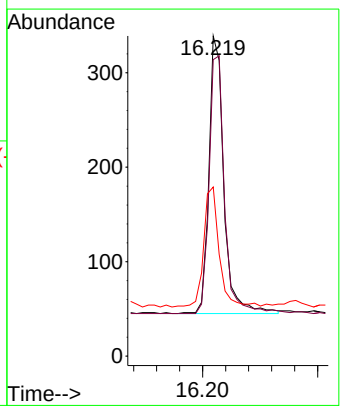


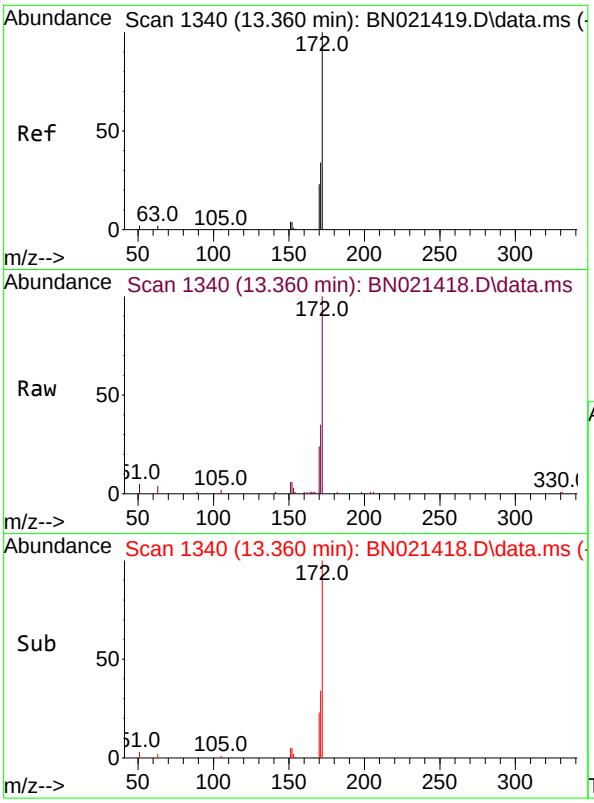


#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:330 Resp: 531

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.3	118.9
141	45.2	37.1	55.7



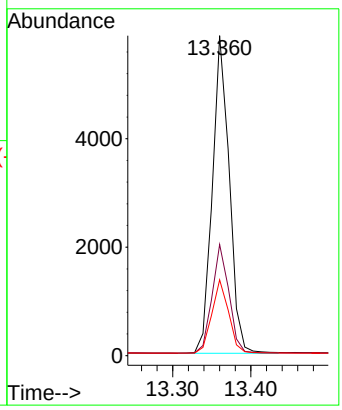


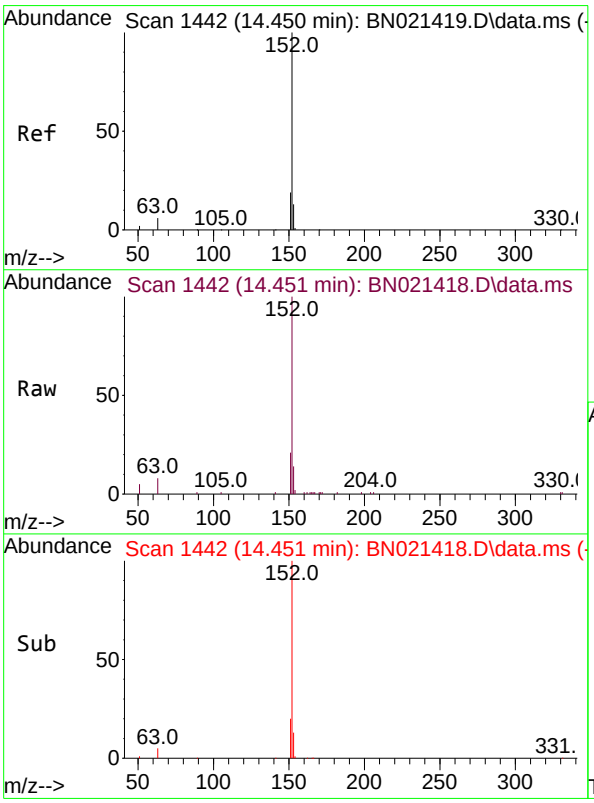
#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 8784

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.7	18.6	28.0

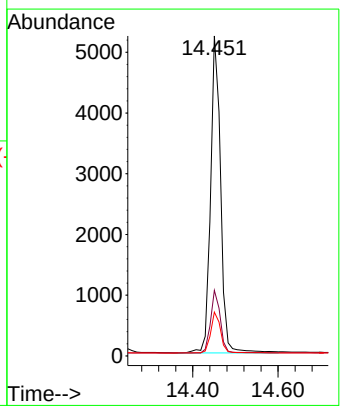


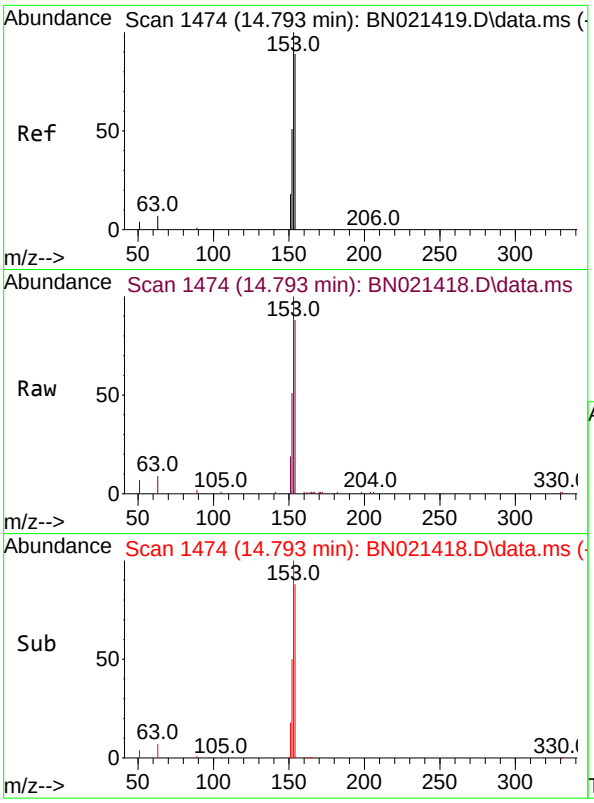


#16
Acenaphthylene
Concen: 0.219 ng
RT: 14.451 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:152 Resp: 8517

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.9	10.3	15.5



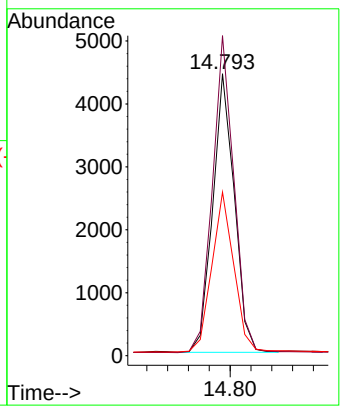


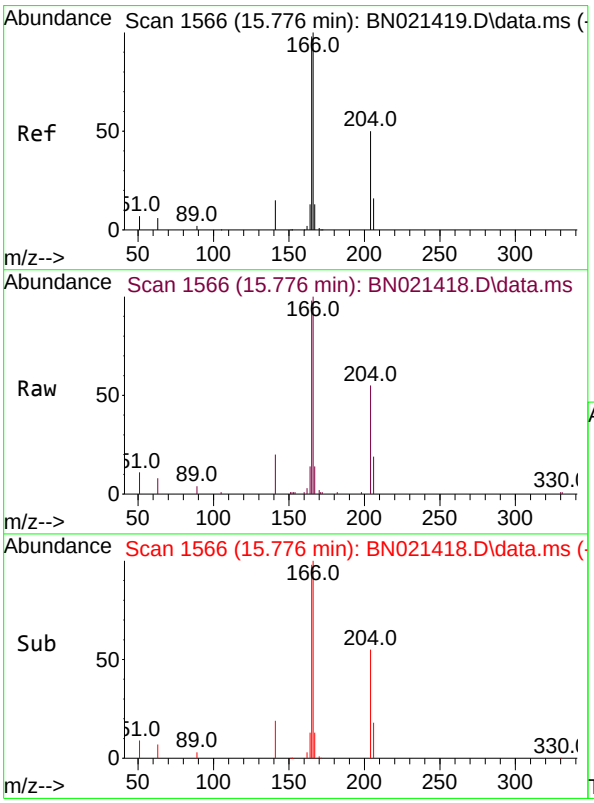
#17
Acenaphthene
Concen: 0.236 ng
RT: 14.793 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 6397

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.5	134.3
152	59.4	45.5	68.3

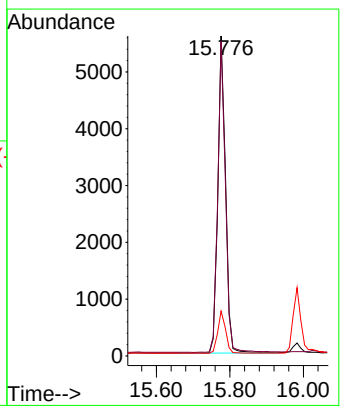


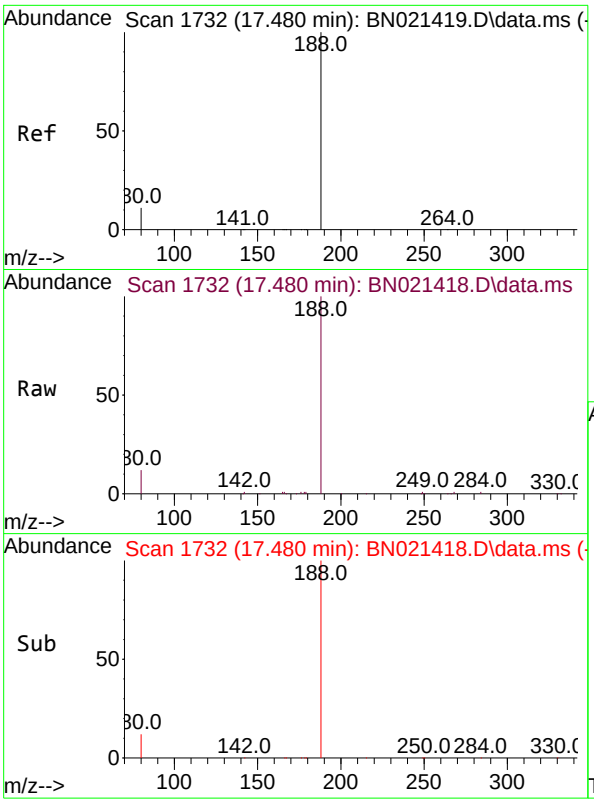


#18
Fluorene
Concen: 0.234 ng
RT: 15.776 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:166 Resp: 7929

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.6	10.6	16.0





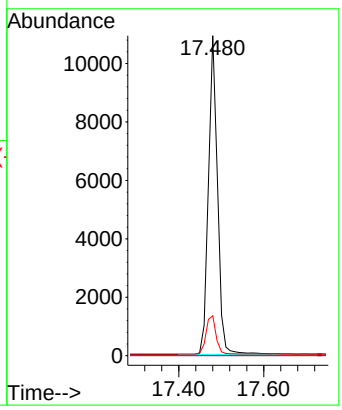
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1

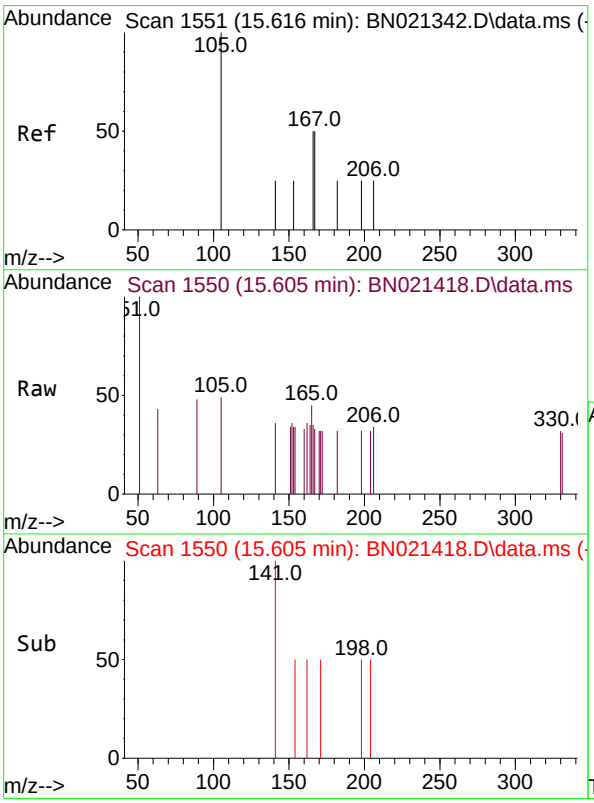
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:188 Resp: 16227

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	9.5	14.3

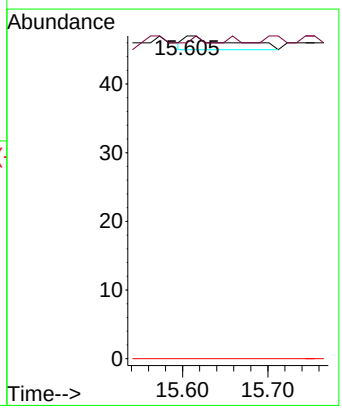


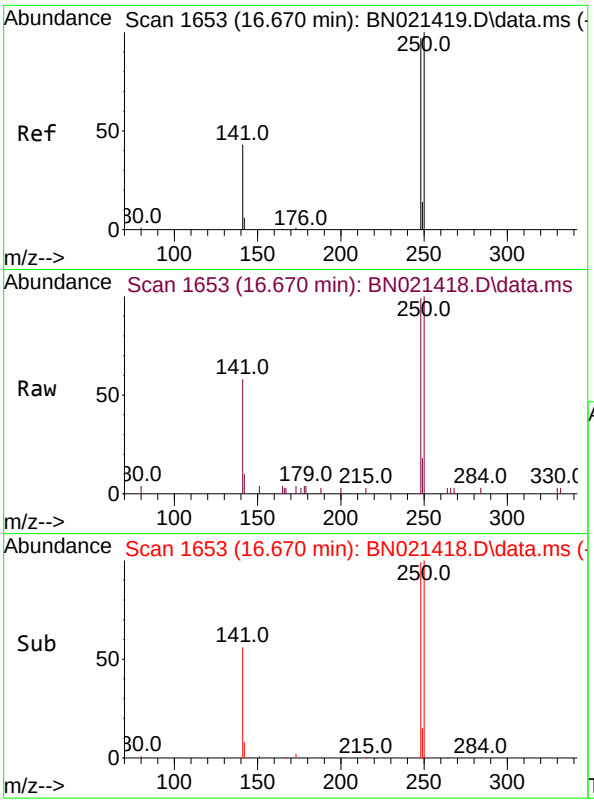


#20
4,6-Dinitro-2-methylphenol
Concen: 0.375 ng
RT: 15.605 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:198 Resp: 8

Ion	Ratio	Lower	Upper
198	100		
182	97.9	86.6	130.0
77	0.0	0.0	0.0



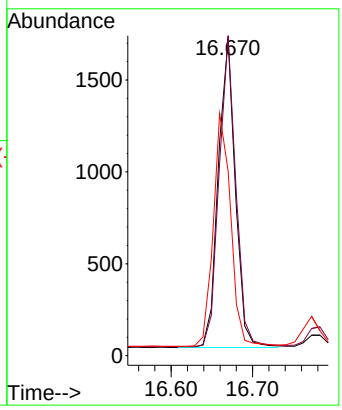


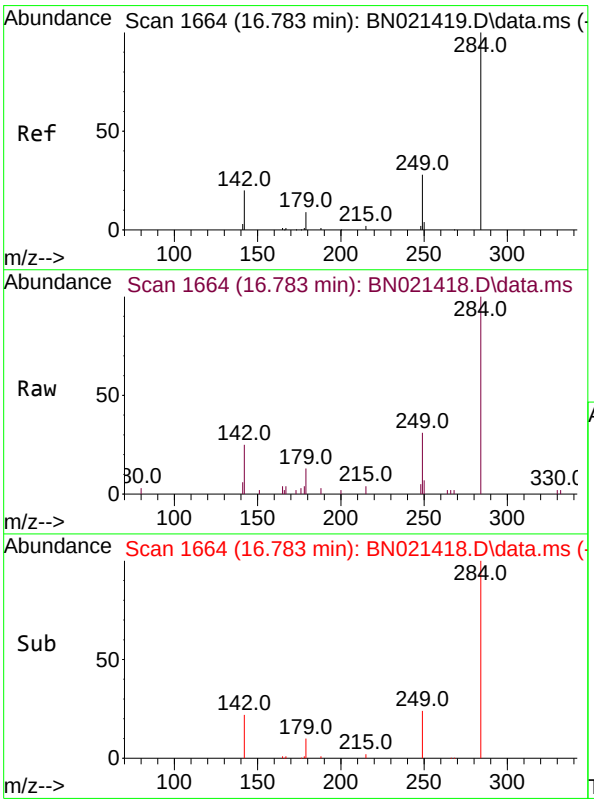
#21
4-Bromophenyl-phenylether
Concen: 0.219 ng
RT: 16.670 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 2438

Ion	Ratio	Lower	Upper
248	100		
250	100.8	81.8	122.6
141	58.2	38.5	57.7#

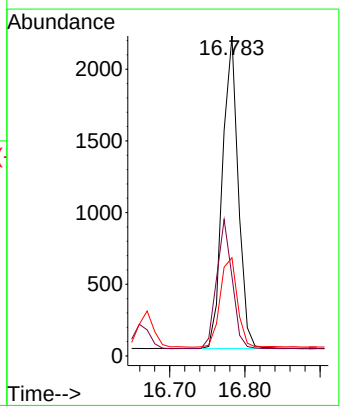


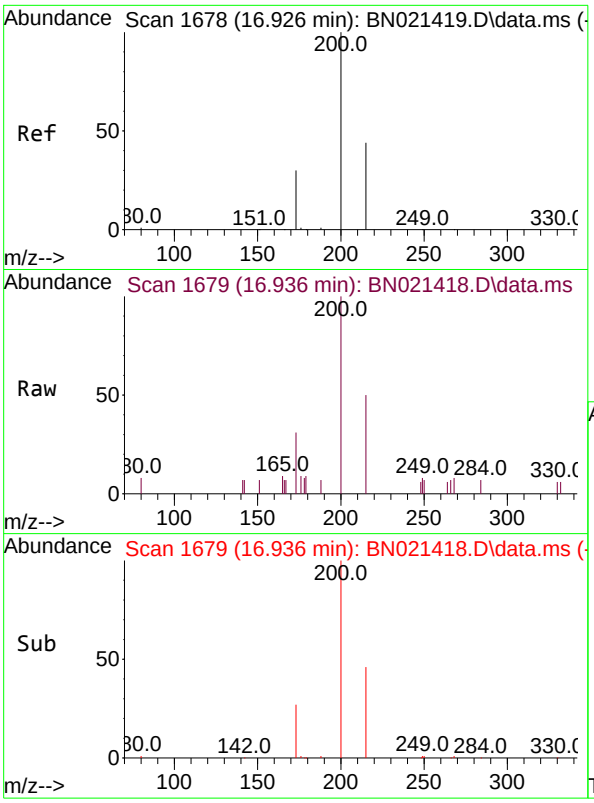


#22
Hexachlorobenzene
Concen: 0.245 ng
RT: 16.783 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:284 Resp: 3154

Ion	Ratio	Lower	Upper
284	100		
142	40.6	32.3	48.5
249	31.4	25.4	38.2



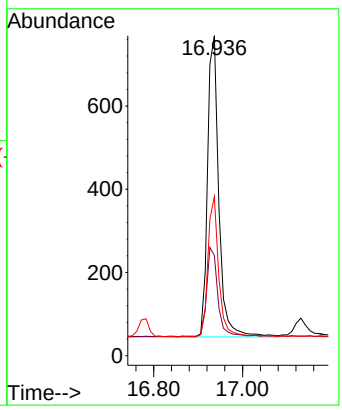


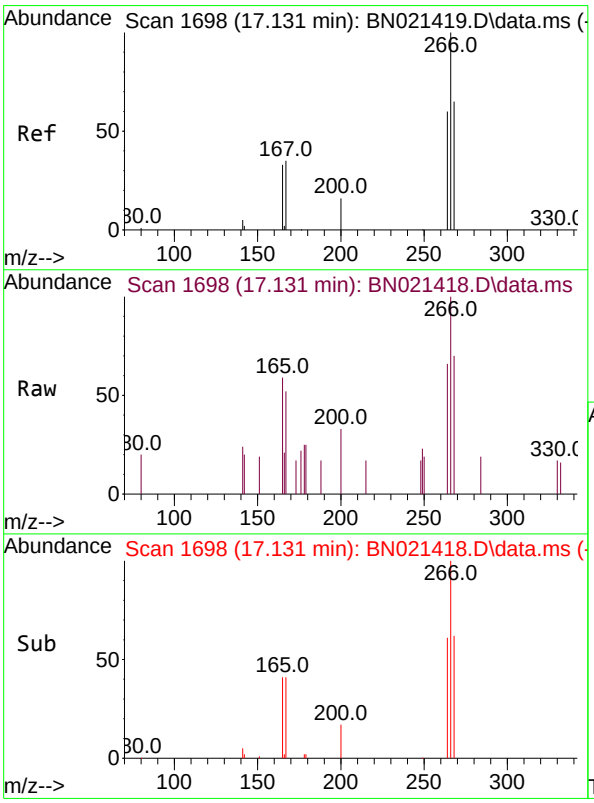
#23
Atrazine
Concen: 0.182 ng
RT: 16.936 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1279

Ion	Ratio	Lower	Upper
200	100		
173	31.3	24.3	36.5
215	49.7	38.4	57.6

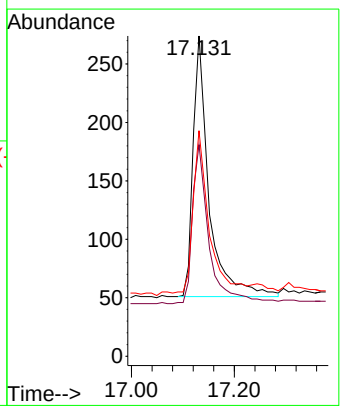


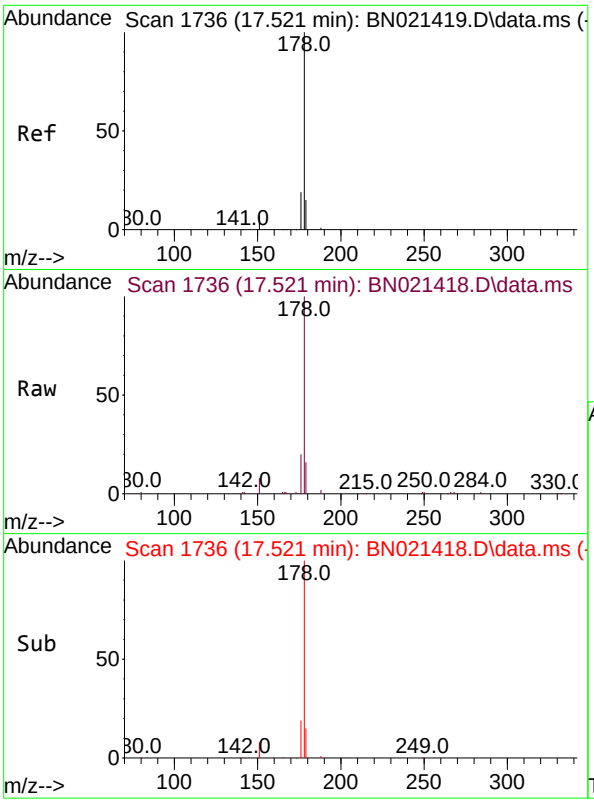


#24
Pentachlorophenol
Concen: 0.108 ng
RT: 17.131 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:266 Resp: 479

Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.0	73.6
268	62.6	50.9	76.3



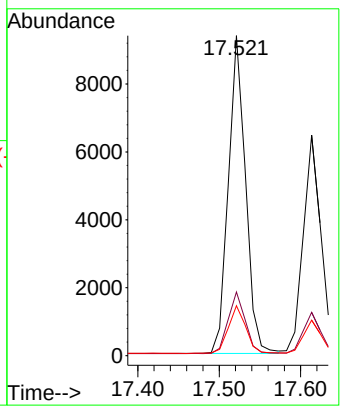


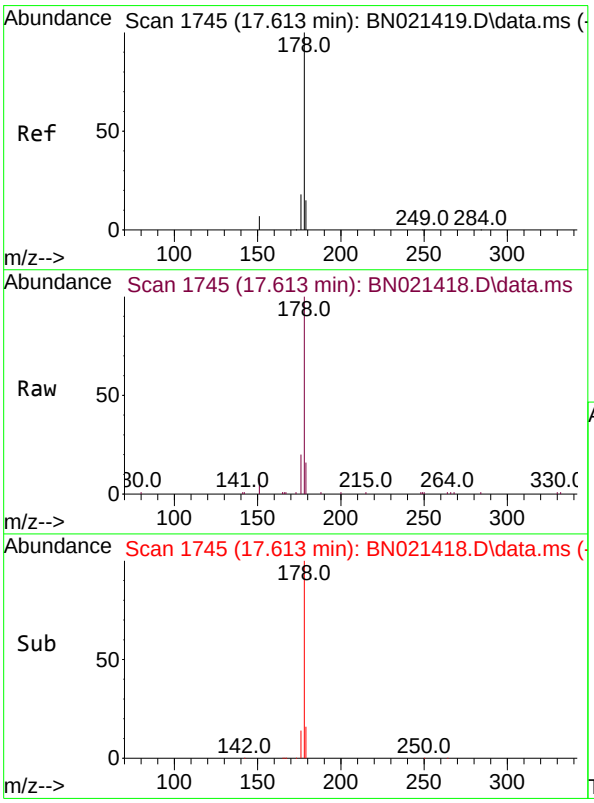
#25
Phenanthrene
Concen: 0.232 ng
RT: 17.521 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 13753

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.2	18.4

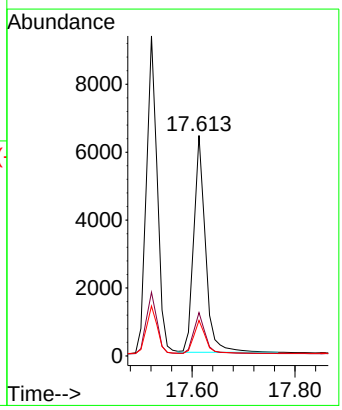


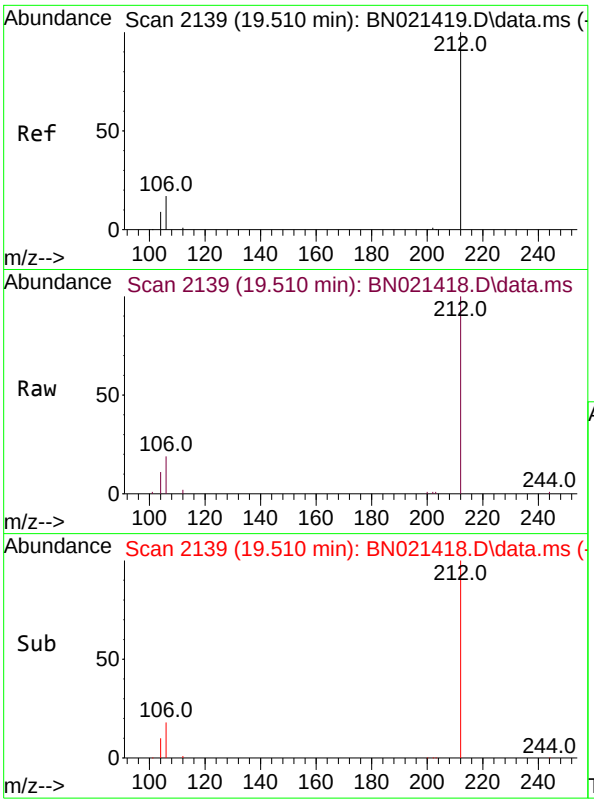


#26
Anthracene
Concen: 0.207 ng
RT: 17.613 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:178 Resp: 10106

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.1	12.2	18.2



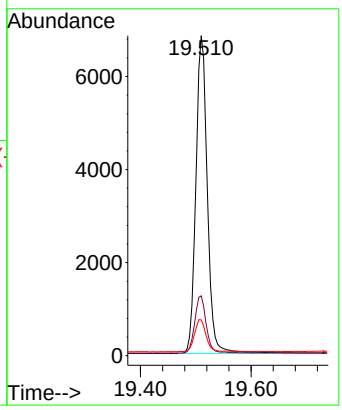


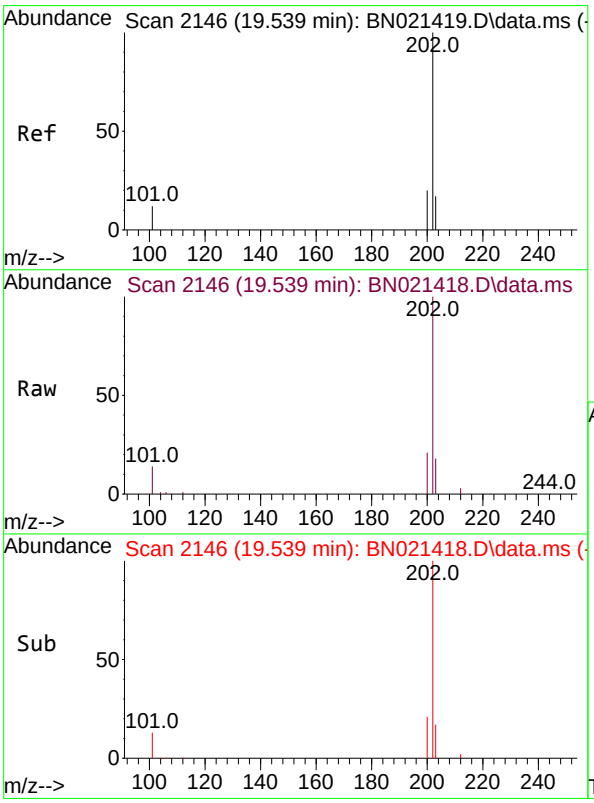
#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 9806

Ion	Ratio	Lower	Upper
212	100		
106	18.0	14.2	21.2
104	10.1	7.8	11.6

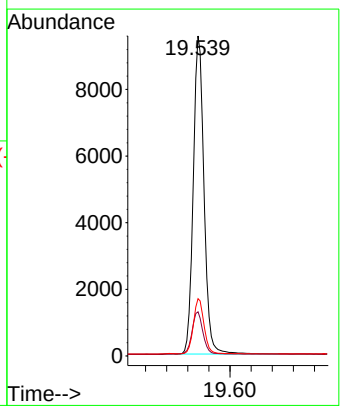


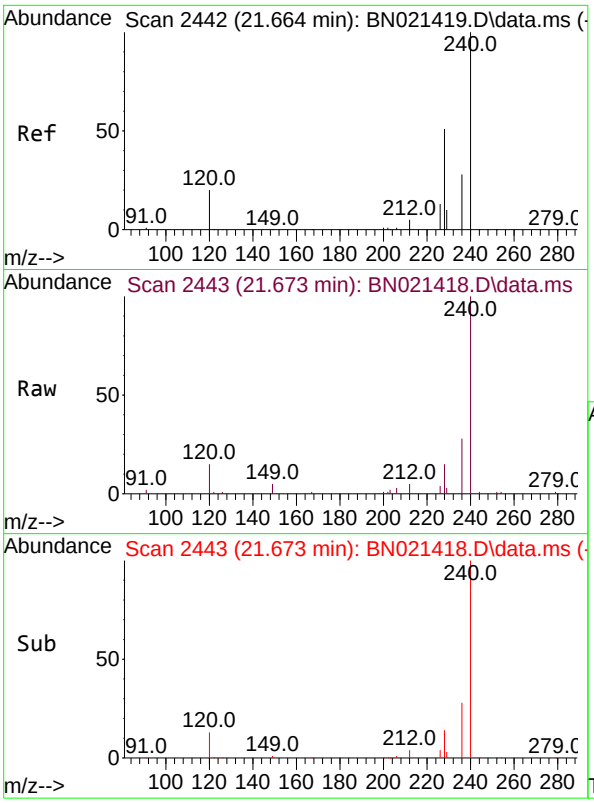


#28
Fluoranthene
Concen: 0.208 ng
RT: 19.539 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:202 Resp: 13568

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.0	13.8	20.6



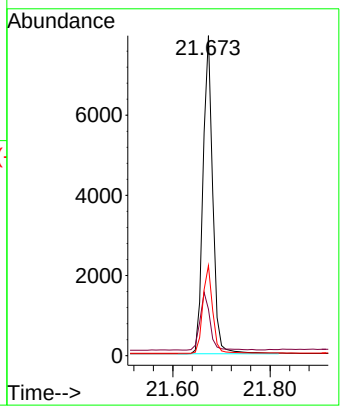


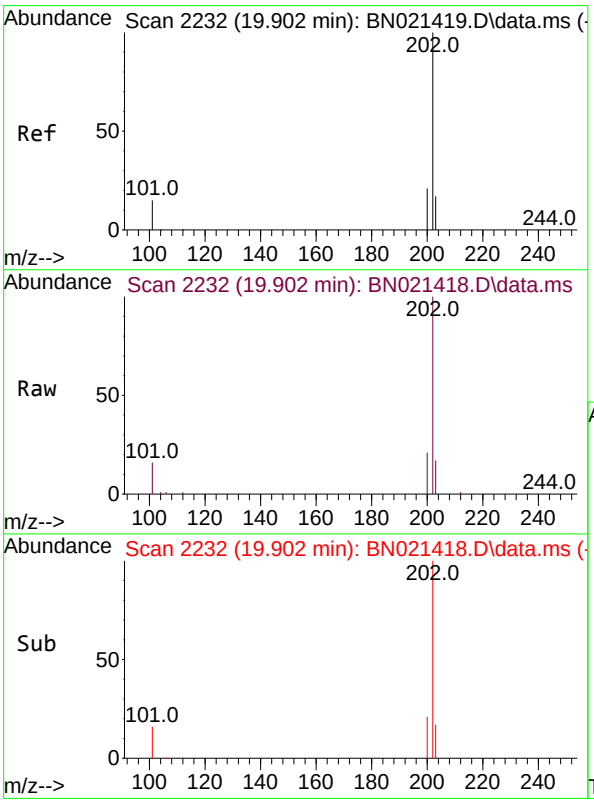
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 11007

Ion	Ratio	Lower	Upper
240	100		
120	14.5	10.2	15.4
236	28.1	22.1	33.1

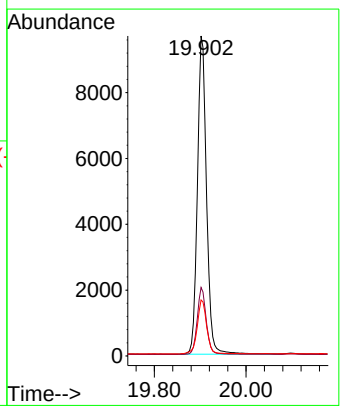


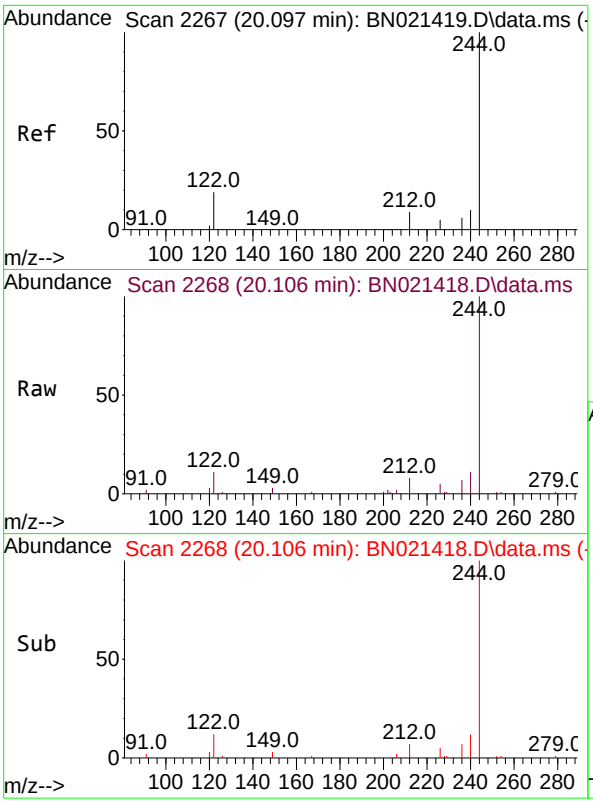


#30
Pyrene
Concen: 0.283 ng
RT: 19.902 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:202 Resp: 15700

Ion	Ratio	Lower	Upper
202	100		
200	18.8	13.9	20.9
203	14.8	11.9	17.9



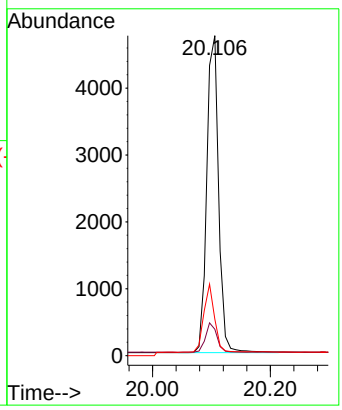


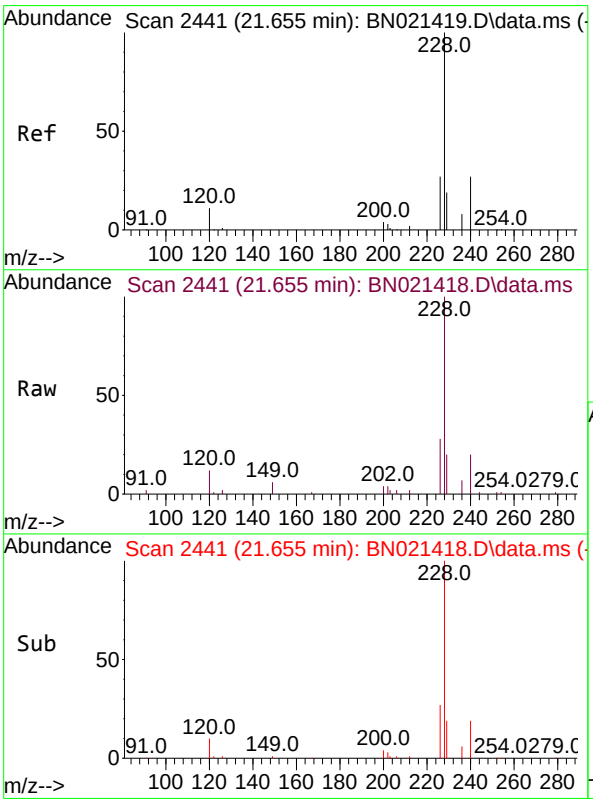
#31
Terphenyl-d14
Concen: 0.284 ng
RT: 20.106 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6600

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.1	13.7

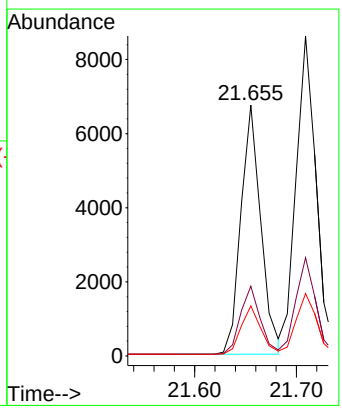


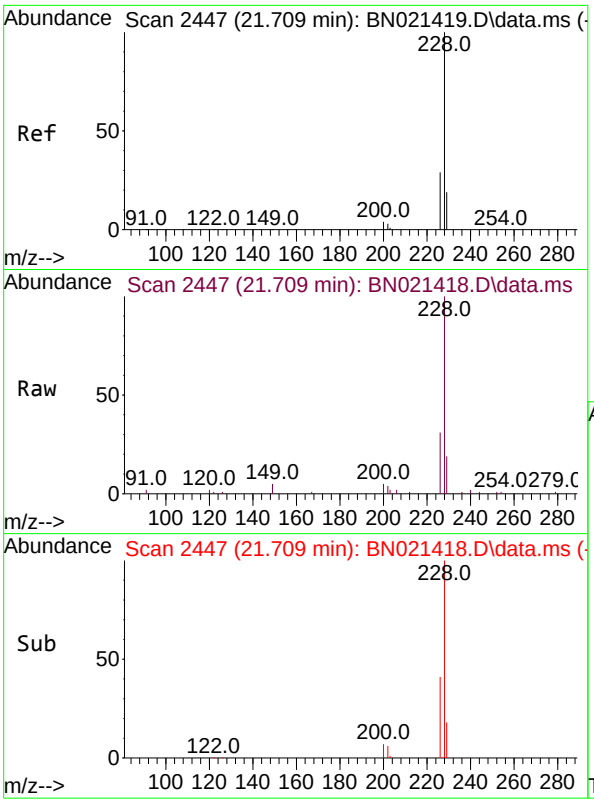


#32
Benzo(a)anthracene
Concen: 0.220 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:228 Resp: 9179

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.9	15.9	23.9



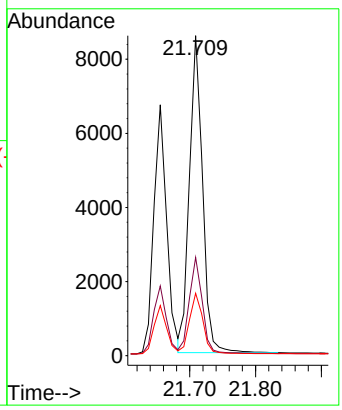


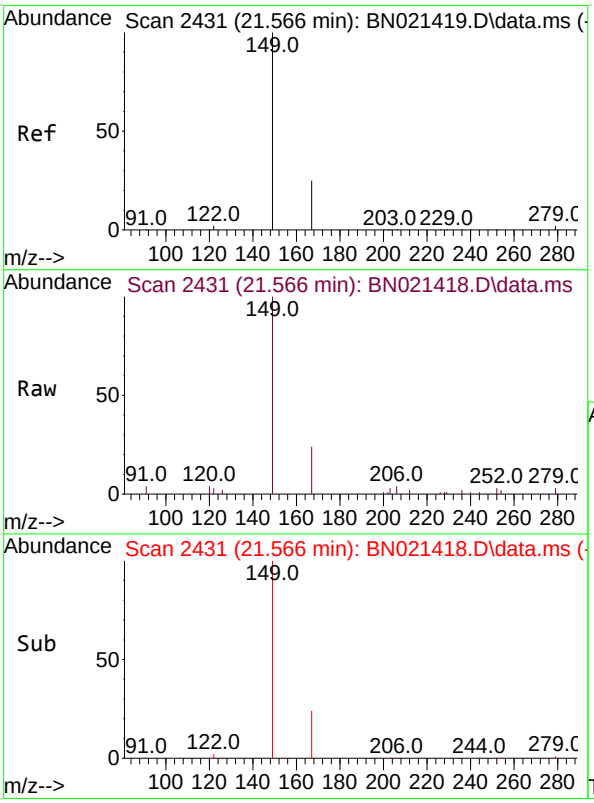
#33
Chrysene
Concen: 0.260 ng
RT: 21.709 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 11820

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.5	15.9	23.9

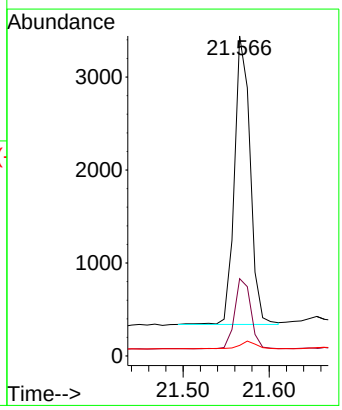


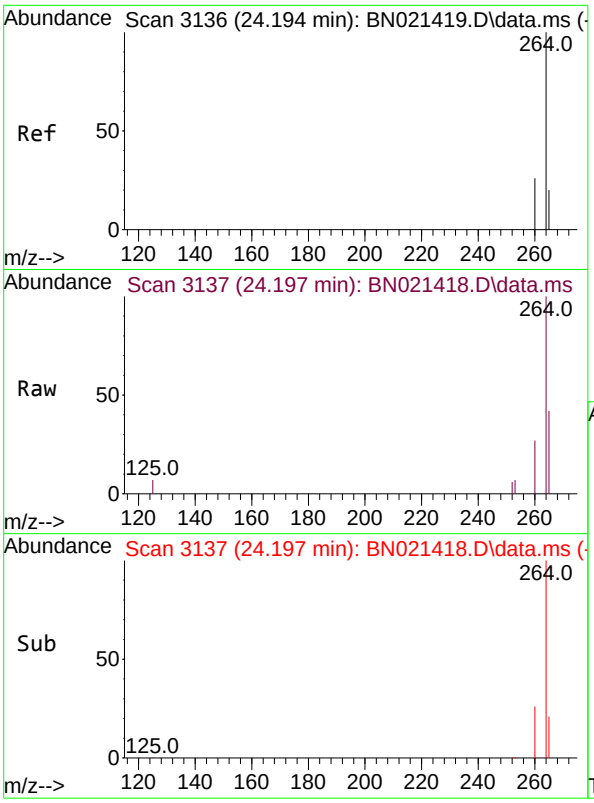


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.196 ng
RT: 21.566 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:149 Resp: 3936

Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.4	32.0
279	2.9	2.2	3.2



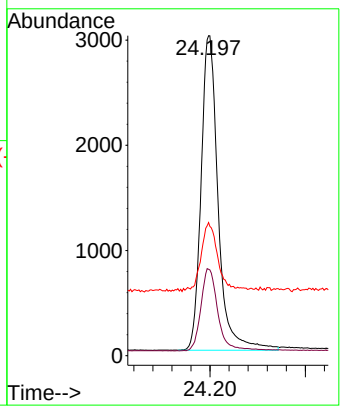


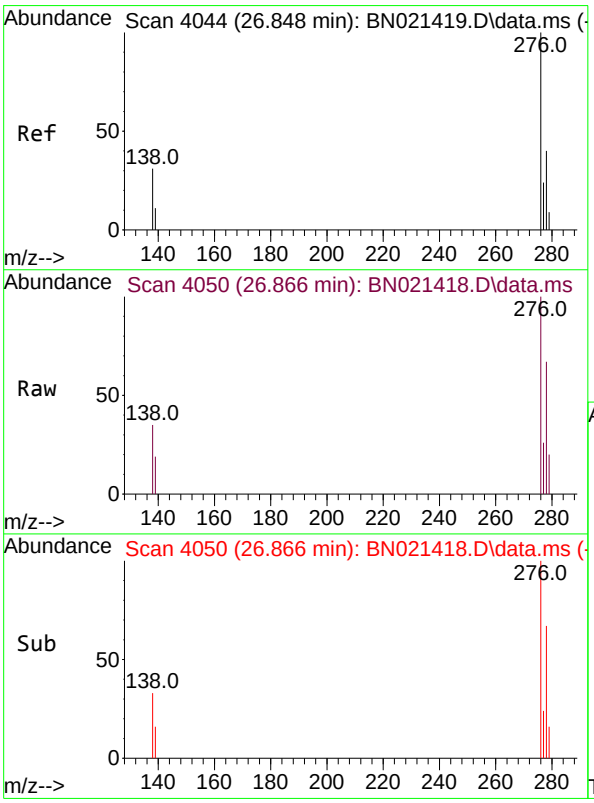
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.197 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 7440

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.0	31.6
265	41.6	32.2	48.2

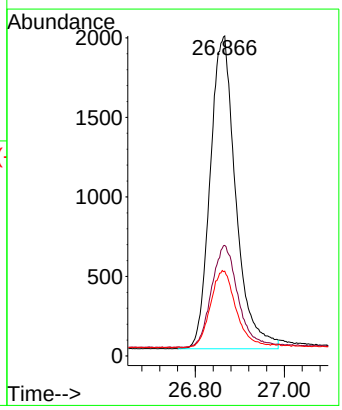


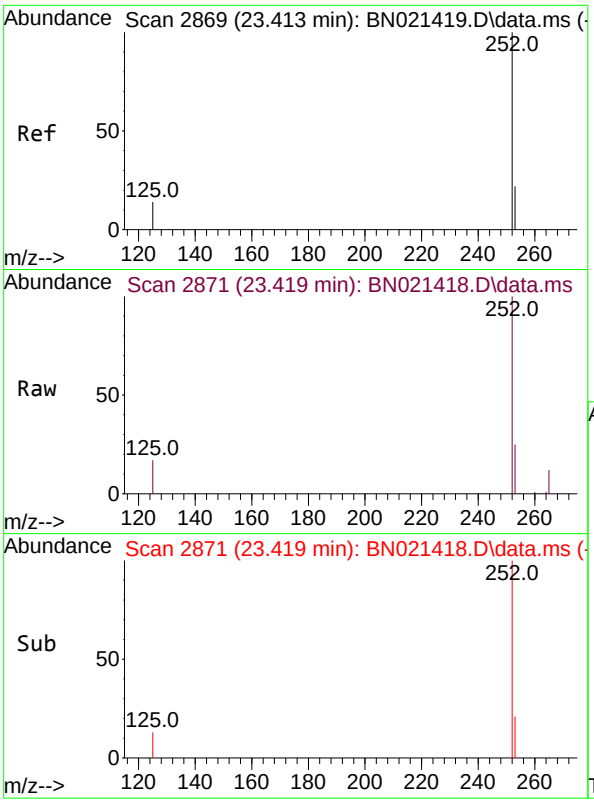


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.207 ng
RT: 26.866 min Scan# 4050
Delta R.T. 0.018 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:276 Resp: 7834

Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.4	41.2
277	25.0	19.9	29.9



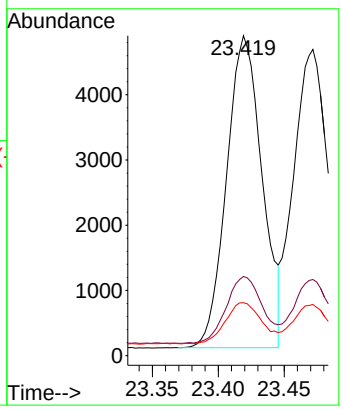


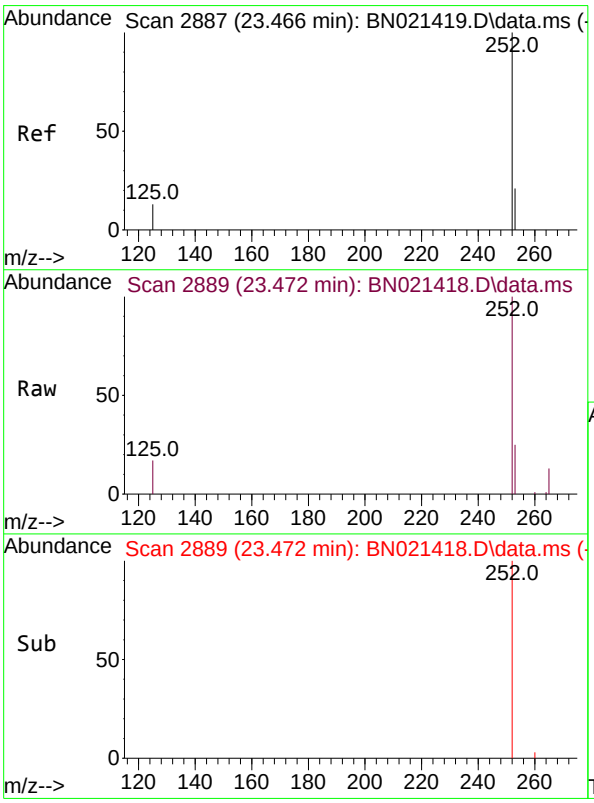
#37
Benzo(b)fluoranthene
Concen: 0.273 ng
RT: 23.419 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8963

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.8	29.6
125	16.6	13.7	20.5

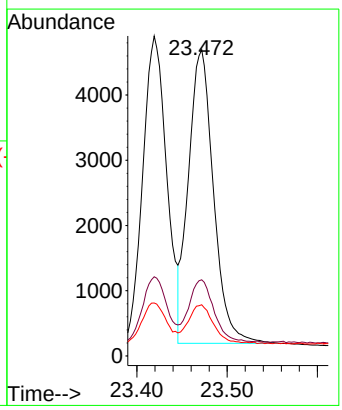


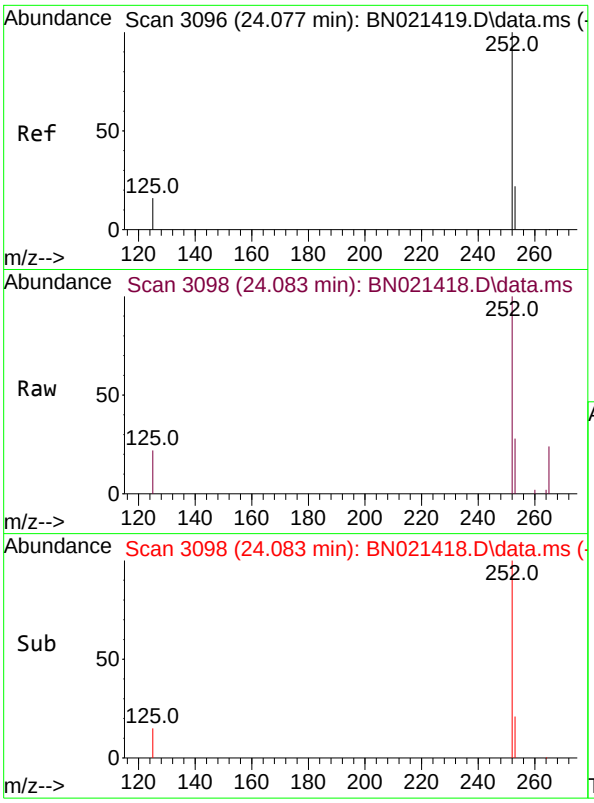


#38
Benzo(k)fluoranthene
Concen: 0.257 ng
RT: 23.472 min Scan# 2889
Delta R.T. 0.006 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:252 Resp: 8710

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.5	29.3
125	16.7	12.3	18.5



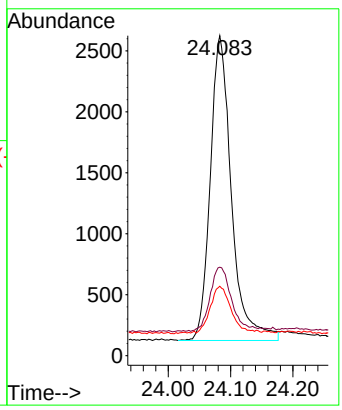


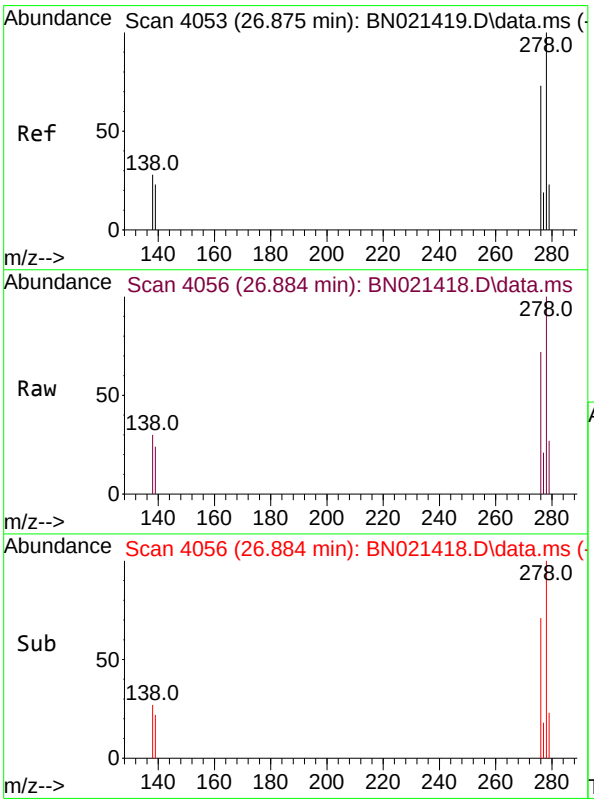
#39
Benzo(a)pyrene
Concen: 0.222 ng
RT: 24.083 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5904

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.1	31.7
125	21.7	16.6	25.0

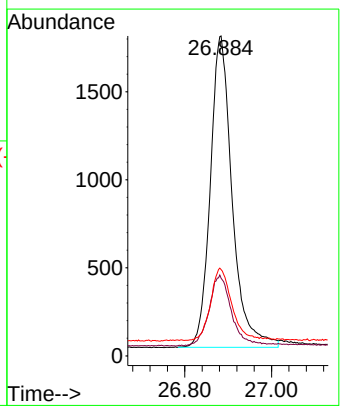


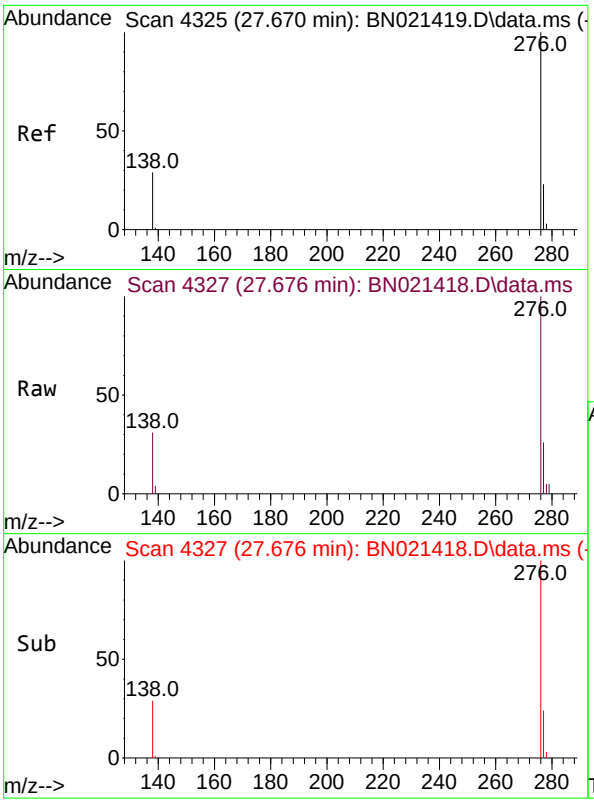


#40
Dibenzo(a,h)anthracene
Concen: 0.199 ng
RT: 26.884 min Scan# 4056
Delta R.T. 0.009 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Tgt Ion:278 Resp: 6196

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.8	32.6
279	27.0	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.222 ng
RT: 27.676 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021418.D
Acq: 29 Aug 2022 11:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 7289

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.7	29.5
138	31.1	23.7	35.5